
Index

- Abdominal muscles transverse, muscular cause of pelvic pain, 773
- Abdominal wall and myofascial pain syndrome
- bimanual examination, 783
 - complications
 - from MTrP injections, 783
 - toxicity, 783
 - compression of MTrPs, 783
 - muscles, evaluating, 783
 - one finger search for jump sign, 783
 - pain map, 783
 - treatment
 - bupivacaine, 783
 - icing, 783
 - lidocaine, 783
 - preparing patient for, 783
 - procaine, 783
 - stretching exercises, 783
 - trigger point injections, 783
- Abnormal bladder function and diagnosis of chronic pelvic pain, 804
- Abnormal ductus venosus (DV), 931
- Activity management, cognitive behavioral therapy for chronic pelvic pain and, 804
- Acupuncture, treatment for myofascial pain syndrome, 783
- Acute pain
- role of, 797
- Adenomyosis, chronic pelvic pain and, 749
- Adenomyosis and diagnosis of chronic pelvic pain, 804
- Adhesiolysis and chronic pelvic pain, 747
- Adhesions
- chronic pelvic pain and, 749
 - and laparoscopy
 - adhesiolysis for pelvic pain, trial for, 749
 - chronic pelvic inflammatory disease, 749
 - pelvic adhesions, 749
 - pelvic pain, 749
- Adhesions, chronic pelvic pain and, 749
- Adhesions, laparoscopic finding in chronic pelvic pain, 749
- Adhesions and diagnosis of chronic pelvic pain, 804
- Adhesions and endometriosis, 749
- Adnexal cysts, chronic pelvic pain and, 749
- Adnexal mass, 749
- Adverse neural tension and pelvic pain, 773
- Afferent nerves, 767
- Age-adjusted ultrasound risk assessment (AAURA), 897
- Allodynia, 811
- Alloimmunization and fetal anemia
- cause of, 923
- Alpha adrenergic agonists, treatment for myofascial pain syndrome, 783
- American Fertility Society, 824
- Amitriptyline, for neuropathic pain, 789
- Amniocentesis and fetal anemia, 923
- Anal area, pain area, in pelvic pain, 773
- Anemia and Doppler patterns, 931
- Anococcygeal, pain area, in pelvic pain, 773
- anterior ilium, pain area, in pelvic pain, 773
- Anterior thigh, pain area, in pelvic pain, 773
- Anticonvulsants, treatment for myofascial pain syndrome, 783
- Anti-inflammatory drugs, treatment for myofascial pain syndrome, 783
- Anxiety, cognitive behavioral therapy for chronic pelvic pain and, 804
- Anxiety and chronic pelvic pain, 804
- Aorta, imaging, 890
- a priori* risk and Down syndrome, 897
- Arteries, Dopplers in IUGR and
- middle cerebral, 931
 - umbilical, 931
 - uterine, 931
- Atypical dysmenorrhea, chronic pelvic pain and, 749
- Atypical lesions and endometriosis, 749
- Autonomic nervous system
- function, in chronic pelvic pain, 797
 - overview of, 797
 - role of, in chronic pain, 797
- Autonomic Symptom Profile and chronic pain, 797
- Bandwidth and ultrasound, 878
- Behavioral interventions, treatment option for chronic pelvic pain, 804
- Behavioral modification, as therapeutic approach to interstitial cystitis, 811
- Benign cystic mesothelioma, chronic pelvic pain and, 749
- Biofeedback
- as therapeutic approach to interstitial cystitis, 811
 - treatment for myofascial pain syndrome, 783
 - treatment option for chronic pelvic pain, 804
- Biomedical model for chronic pelvic pain, 804
- Biometry, 897
- Biophysical Profile Score and Dopplers in IUGR, 931
- Biopsychosocial model for chronic pelvic pain
- interventions for aspects of, 804
 - phases of treatment, 804

Index

- Abdominal muscles transverse, muscular cause of pelvic pain, 773
- Abdominal wall and myofascial pain syndrome
- bimanual examination, 783
 - complications
 - from MTrP injections, 783
 - toxicity, 783
 - compression of MTrPs, 783
 - muscles, evaluating, 783
 - one finger search for jump sign, 783
 - pain map, 783
 - treatment
 - bupivacaine, 783
 - icing, 783
 - lidocaine, 783
 - preparing patient for, 783
 - procaine, 783
 - stretching exercises, 783
 - trigger point injections, 783
- Abnormal bladder function and diagnosis of chronic pelvic pain, 804
- Abnormal ductus venosus (DV), 931
- Activity management, cognitive behavioral therapy for chronic pelvic pain and, 804
- Acupuncture, treatment for myofascial pain syndrome, 783
- Acute pain
- role of, 797
- Adenomyosis, chronic pelvic pain and, 749
- Adenomyosis and diagnosis of chronic pelvic pain, 804
- Adhesiolysis and chronic pelvic pain, 747
- Adhesions
- chronic pelvic pain and, 749
 - and laparoscopy
 - adhesiolysis for pelvic pain, trial for, 749
 - chronic pelvic inflammatory disease, 749
 - pelvic adhesions, 749
 - pelvic pain, 749
- Adhesions, chronic pelvic pain and, 749
- Adhesions, laparoscopic finding in chronic pelvic pain, 749
- Adhesions and diagnosis of chronic pelvic pain, 804
- Adhesions and endometriosis, 749
- Adnexal cysts, chronic pelvic pain and, 749
- Adnexal mass, 749
- Adverse neural tension and pelvic pain, 773
- Afferent nerves, 767
- Age-adjusted ultrasound risk assessment (AAURA), 897
- Allodynia, 811
- Alloimmunization and fetal anemia
- cause of, 923
- Alpha adrenergic agonists, treatment for myofascial pain syndrome, 783
- American Fertility Society, 824
- Amitriptyline, for neuropathic pain, 789
- Amniocentesis and fetal anemia, 923
- Anal area, pain area, in pelvic pain, 773
- Anemia and Doppler patterns, 931
- Anococcygeal, pain area, in pelvic pain, 773
- anterior ilium, pain area, in pelvic pain, 773
- Anterior thigh, pain area, in pelvic pain, 773
- Anticonvulsants, treatment for myofascial pain syndrome, 783
- Anti-inflammatory drugs, treatment for myofascial pain syndrome, 783
- Anxiety, cognitive behavioral therapy for chronic pelvic pain and, 804
- Anxiety and chronic pelvic pain, 804
- Aorta, imaging, 890
- a priori* risk and Down syndrome, 897
- Arteries, Dopplers in IUGR and
- middle cerebral, 931
 - umbilical, 931
 - uterine, 931
- Atypical dysmenorrhea, chronic pelvic pain and, 749
- Atypical lesions and endometriosis, 749
- Autonomic nervous system
- function, in chronic pelvic pain, 797
 - overview of, 797
 - role of, in chronic pain, 797
- Autonomic Symptom Profile and chronic pain, 797
- Bandwidth and ultrasound, 878
- Behavioral interventions, treatment option for chronic pelvic pain, 804
- Behavioral modification, as therapeutic approach to interstitial cystitis, 811
- Benign cystic mesothelioma, chronic pelvic pain and, 749
- Biofeedback
- as therapeutic approach to interstitial cystitis, 811
 - treatment for myofascial pain syndrome, 783
 - treatment option for chronic pelvic pain, 804
- Biomedical model for chronic pelvic pain, 804
- Biometry, 897
- Biophysical Profile Score and Dopplers in IUGR, 931
- Biopsychosocial model for chronic pelvic pain
- interventions for aspects of, 804
 - phases of treatment, 804

- Birth defects, ultrasound sensitivity for diagnosis of, 882
- Black lesions and endometriosis, 749
- Bladder malignancy, chronic pelvic pain and, 749
- Bladder-origin pain
 - potassium sensitivity tests, 811
- Blood velocity
 - in fetal anemia
 - hemoglobin value in, 923
 - middle cerebral artery PSV and, 923
 - fetal anemia correction, effects on, 923
- Botulinum toxin A, 811
 - treatment for myofascial pain syndrome, 783
- Brain sparing, as fetal systemic vascular response in IUGR, 931
- Breathing exercises, treatment option for chronic pelvic pain, 804
- Bronchopulmonary sequestrations (BPS), 868
- Brown lesions and endometriosis, 749
- Buttock, pain area, in pelvic pain, 773
- Carbamazepine, for neuropathic pain, 789
- Carbon lesions and endometriosis, 749
- Carcinoma of the colon, chronic pelvic pain and, 749
- Cardiac defects
 - at birth, 890
 - delivery in tertiary care centers, studies on, 890
- Causalgia, definition of, 797
- Centralization, as fetal systemic vascular response in IUGR, 931
- Central nervous system abnormalities and ultrasound screening, 882
- Central sensitization in spinal cord surgery, 767
- Cerclage
 - and TVU, 947
 - women with, 947
- Cervical length (CL)
 - cross-sectional studies of, 947
- Cervical polyps, chronic pelvic pain and, 749
- Cervical stenosis, chronic pelvic pain and, 749
- Cervix
 - assessment of
 - funneling, 947
 - predictive gestational age, 947
 - schematic of TVU cervical measurements, 947
 - uterine segment contractions, 947
 - short cervix and PTB, 947
 - ultrasound techniques of, 947
 - cerclage and TVU, 947
 - cervical assessment, 947
 - cross-sectional studies, 947
 - gestational age and cervical assessment, 947
 - high-risk singletons, 947
 - labor induction, predicting success of, 947
 - non-randomized studies, 947
 - PPROM, predicting latency in, 947
 - preterm birth, prediction of, 947
 - preterm birth based on abnormal TVU, 947
 - preterm labor, evaluation of, 947
 - randomized trials, 947
 - short cervix and PTB, 947
 - transabdominal ultrasound (TAU), 947
 - transvaginal ultrasound vs. digital examination of cervix, 947
 - twins, 947
 - ultrasound cervical assessment, other uses of, 947
 - women with cerclage, 947
- Choroid plexus cysts, 897
- Chronic appendicitis and diagnosis of chronic pelvic pain, 804
- Chronic endometritis, chronic pelvic pain and, 749
- Chronic intermittent bowel obstruction, chronic pelvic pain and, 749
- Chronic pain
 - autonomic nervous system, role in, 797
 - causalgia, 797
 - definition of, 797
 - etiology of, 811
 - neuropathology of, 811
 - pathogenesis of, theories for, 811
- Chronic pelvic inflammatory disease, laparoscopic finding in chronic pelvic pain, 749
- Chronic pelvic pain (CPP)
 - adhesiolysis, study of, and, 747
 - adhesions, 749
 - autonomic nervous system, function in, 797
 - autonomic symptom profile, 797
 - biomedical model for, 804
 - biopsychosocial models for, 804
 - childhood sexual abuse and, 804
 - as complex regional pain syndrome, treatment of
 - objective assessment, 797
 - physician visit, 797
 - symptoms of, 797
 - types of therapy, 797
 - visceral hypersensitivity, 797
 - complex regional pain syndrome and, 747
 - and complex regional pain syndromes (CRPS), 797.
 - See also Complex regional pain syndromes (CRPS)
 - definition of, 811, 749
 - description of, 804
 - diagnoses of, 804
 - duration of, 749
 - endoscopic diagnostic and therapeutic modalities, 749
 - expansion of receptive fields and, 747
 - healthcare utilization, 804
 - hypothalamus-pituitary-adrenal (HPA) axis, 804
 - and interstitial cystitis
 - definition of, 811
 - diagnosing
 - cystoscopy, 811
 - glomerularizations, 811
 - intravesical potassium, 811
 - NIDDK diagnostic criteria, 811
 - pain, location of, 811
 - questionnaires, 811
 - sensitivity test (PST), 811
 - symptoms of, 811
 - etiology of, 811
 - flares, 811
 - hypertonic muscle dysfunction, 811
 - myofascial pain, 811
 - pathogenesis of, theories for, 811
 - pelvic floor muscles, 811
 - prevalence of, 811

- symptom exacerbation, 811
- symptoms of, 811
- treatment for
 - botulinum toxin A, 811
 - gabapentin, 811
 - mast cell activation, stabilization and reduction in hydroxyzine, 811
 - pentosanpolysulfate sodium (PPS), 811
 - sacral nerve root stimulation, 811
 - tricyclic antidepressant amitriptyline, 811
 - urgency/frequency, 811
- literary critiques, 767
- multidisciplinary team approach, 804
- patient sensitivity, 804
- pelvic floor muscles, 811
- and peripheral neuropathies, diagnosis of
 - abdominal wall examination, 789
 - genitofemoral neuropathy, 789
 - iliohypogastric neuropathy, 789
 - ilioinguinal neuropathy, 789
 - lateral femoral cutaneous neuropathy, 789
 - maladaptive neuronal plasticity, 789
 - neuroma formation, 789
 - pudendal neuropathy, 789
 - screening before surgery, 789
 - somatic nerves, role in pain, 789
 - trigger points, 789
 - viscerosomatic convergence, 789
- physical abuse and, 804
- potential etiologic mechanisms, classification of, 749
- potential visceral sources of, 749
- prevalence of, 749
- psychological phenomena in, biologic bases for, 804
- role of laparoscopy in, 749
- somatic sources of, 749
- spinal cord windup phenomenon and, 747
- surgery and, 747
- surgical studies, 767
- symptoms of, 797
- treatable causes of
 - ovarian remnant syndrome, 749
 - postoperative peritoneal cysts, 749
- treatment of
 - cognitive behavior therapy (CBT), studies, 804
 - intravesical dimethyl sulfoxide (DMSO), 811
 - intravesical heparin, 811
 - multidisciplinary approach, 804
 - multimodal approach, 811
 - urothelium therapy, 811
 - viscerosomatic convergence and, 747
- Chronic urethritis and diagnosis of chronic pelvic pain, 804
- Chronic urinary tract infection, chronic pelvic pain and, 749
- Chylolothoraces, 868
- Clear papules lesions and endometriosis, 749
- Coccygeus, muscular cause of pelvic pain, 773
- Coccygodynia, disorder of musculoskeletal system, 773
- Coccyx, pain area, in pelvic pain, 773
- Cochrane Collaboration systematic review, 767, 824
- Coded Excitation, 839
- Cognitive behavior therapy (CBT) and chronic pelvic pain
 - biopsychosocial model, 804
 - phases of treatment, 804
- Coherent Image Formation, 839
- Colitis, chronic pelvic pain and, 749
- Complex regional pain syndrome (CRPS) and chronic pelvic pain (CPP)
 - autonomic nervous system
 - in chronic pain, role of, 797
 - overview of, 797
 - autonomic nervous system function
 - in chronic pelvic pain, 797
 - chronic pelvic pain as complex regional pain syndrome, treatment of, 797
 - laparoscopic pain mapping under conscious sedation, 797
 - pain, acute and chronic, 797
 - pelvic pain mapping form, 797
 - visceral chronic pelvic pain and extremity pain in CRPS, 797
- Complex regional pain syndromes (CRPS I and II), 797
- Congenital cystic adenomatoid malformations (CCAM), 868
- Congenital diaphragmatic hernias (CDH), 868
- Congenital heart disease
 - antenatally diagnosed, 890
 - early antenatal detection of, 890
 - risk factors for, 890
 - second trimester screening
 - five-chamber view, 890
 - four-chamber view, 890
- Connective tissue and pelvic pain, 773
- Conotruncal abnormalities and five-chamber view of fetal heart, 890
- Conscious laparoscopic pain mapping (CLPM)
 - definition of, 749
 - procedure, 749
 - results of, 749
- Constipation and diagnosis of chronic pelvic pain, 804
- Cordocentesis, diagnosis of, in fetal anemia, 923
- Cribriform peritoneal defects and endometriosis, 749
- Cystic hygroma, 897
- Cystoscopy, 811
- Dedicated 3D probes for three-dimension ultrasound, 839
- Depotleuprolide, treatment for endometriosis, 749
- Depression
 - and chronic pelvic pain, 804
 - control, cognitive behavioral therapy for chronic pelvic pain and, 804
 - and diagnosis of chronic pelvic pain, 804
 - Determination of situs and fetal heart disease, 890
 - Detrusor, pain area, in pelvic pain, 773
 - Detrusor dyssynergia, chronic pelvic pain and, 749
 - Diagnosis of IUGR, 931
 - Dietary restrictions, as therapeutic approach to interstitial cystitis, 811
 - Diverticular disease, chronic pelvic pain and, 749
 - Doppler flow patterns in intrauterine growth restriction (IUGR), 931
 - Dopplers, arterial and venous, in IUGR
 - IUGR, diagnosis of
 - Doppler in IUGR fetus management of, 931

- middle cerebral arteries, 931
- precordial venous Dopplers, 931
- umbilical arteries, 931
- uterine arteries, 931
- IUGR, prediction of, 931
 - systematic Doppler evaluation, 931
- middle cerebral arteries, 931
- normal Doppler flow patterns
 - ductus venosus, 931
 - hemodynamics in IUGR, 931
 - inferior vena cava, 931
 - integrated fetal testing, 931
 - middle cerebral artery (MCA), 931
 - precordial veins, 931
 - umbilical arteries, 931
 - umbilical vein, 931
 - uterine arteries, 931
- Doppler velocimetry
 - and fetal assessment, 931
 - gestational age dependence and, 931
 - intrauterine death or damage vs. prematurity, risk of, 931
 - in intrauterine growth restriction (IUGR), 931
- Dorsal horn, 811
- Dorsal root ganglia, 767
- Down syndrome
 - antenatal screening for, 897
 - genetic sonogram, 897
 - identifying
 - 3DUS, 850
 - fetal iliac angle measurements, 850
 - non-visualized nasal bone, 850
 - likelihood ratio derivation, 897
 - major structural abnormalities with, 897
 - maternal serum alpha fetoprotein (MSAFP) and trisomy, 897
 - minor structural abnormalities, 897
 - physical characteristics of, 897
 - risk adjustment, 897
 - screening, second trimester, 897
 - antenatal screening for, 897
 - markers, 897
 - sonographic findings, 897
 - ultrasound, risk modification of, 897
 - screening for
 - biometry, 897
 - choroid plexus cysts, 897
 - echogenic bowel, 897
 - echogenic intracardiac focus, 897
 - fetal long bone length, 897
 - fetal nasal bone, 897
 - hypoplasia of middle phalanx of fifth digit, 897
 - iliac wing angle, 897
 - nasal bone, absent, 897
 - nuchal fold in, 897
 - other markers, 897
 - pyelectasis, 897
 - racial differences, 897
 - sandal gap, 897
 - two-vessel umbilical cord, 897
 - ventriculomegaly, 897
 - serum screen, 897
 - "triple screen," 897
 - trisomy 13 fetuses, 897
 - trisomy 18 fetuses, 897
 - Turner syndrome, 897
 - Doxepin, for neuropathic pain, 789
 - Drug therapy, treatment for myofascial pain syndrome, 783
 - Dry needling, treatment for myofascial pain syndrome, 783
 - Ductus venosus and Dopplers in IUGR, 931
 - Dyspareunia
 - disorder of musculoskeletal system, 773
 - and endometriosis, 824
 - Echogenic bowel and Down syndrome screening, 897
 - Echogenic foci and Down syndrome screening, 897
 - Echogenic intracardiac focus, 897
 - Endometrial polyps, chronic pelvic pain and, 749
 - Endometriomas, 749
 - Endometriosis
 - and diagnosis of chronic pelvic pain, 804
 - disorder of musculoskeletal system, 773
 - gonadotropin-releasing hormone agonists, 749
 - laparoscopic finding in chronic pelvic pain, 749
 - and laparoscopy
 - accurate diagnosis, 749
 - appearances of, 749
 - atypical lesions of, 749
 - definition of, 749
 - functional characteristics of, 749
 - laparoscopic evaluation, 749
 - near-contact laparoscopy, 749
 - occult endometriosis, 749
 - preoperative ultrasound, 749
 - literary critiques, 767
 - medical treatment of, controlled trials, 749
 - and pelvic pain
 - American Fertility Society staging system for, 824
 - association between, studies on, 824
 - characteristics linking, 824
 - Cochrane Collaboration systematic review, 824
 - depth and location, 824
 - forms of endometriosis, 824
 - Hill's rules of causation, application of, 824
 - Koch's postulates for causation, application of, 824
 - link between, studies on, 824
 - pain, definition of, 824
 - understanding, 824
 - surgical studies, 767
 - surgical treatment of, clinical trial, 749
 - trial of depotleuprolide, 749
 - Endosalpingiosis
 - chronic pelvic pain and, 749
 - and laparoscopy
 - as cause of chronic pelvic pain, 749
 - definition of, 749
 - Estriol, 897
 - Exploratory laparotomy, 749
 - Fascia, as somatic source of chronic pelvic pain, 749
 - Fasciitis and diagnosis of chronic pelvic pain, 804

Fetal anemia

- at-risk patients, monitoring, 923
- blood velocity during, 923
- cause of, 923
- correction of, and blood velocity, 923
- invasive diagnosis of
 - by amniocentesis, 923
 - by cordocentesis, 923
- noninvasive diagnosis of
 - by MCA-PSV longitudinally, 923
 - by MCA pulsatility index, 923
 - by middle cerebral artery peak systolic velocity (MCA-PSV), 923
- predictions of, 923

Fetal assessment

- and Doppler velocimetry, 931
- Fetal ear length and Down syndrome screening, 897
- Fetal echocardiography in abnormal fetal heart, 890
- Fetal karyotype, 890
- Fetal long bone length and Down syndrome, 897
- Fetal systemic vascular responses in IUGR, 931
- Fibromyalgia, disorder of musculoskeletal system, 773
- First trimester cardiac screening
 - Doppler interrogation of ductus venosus, 890
 - major abnormalities, prevalence of, 890
 - nuchal translucency, measurement of, 890

Five-chamber view of fetal heart

- conotruncal abnormalities, 890

Follicle cysts, 749

Forward venous velocities and precordial veins, 931

Four-chamber view of fetal heart

- abnormalities, detection of, 890
- aorta, 890
- determination of situs, 890
- first trimester cardiac screening, 890
- main pulmonary artery, 890
- as screening tool for
 - antenatal screening test, studies, 890
 - prenatal detection of congenital heart disease, 890
 - routine antenatal diagnostic imaging with ultrasound (RADIUS), 890
- technical aspects of
 - correctly obtaining, 890
 - evaluation, requirements for, 890
 - image, clinical factors affecting, 890
 - stepwise maneuvers for obtaining, 890

Free-hand method for three-dimensional ultrasound, 839

Gabapentin, 811

- for neuropathic pain, 789

Galvanic muscle stimulation, treatment for myofascial pain syndrome, 783

Gastrointestinal disease and diagnosis of chronic pelvic pain, 804

Gastrointestinal tract, as source of chronic pelvic pain, 749

Gate control theory and chronic pelvic pain, 804

Genetic screening program for Down syndrome age-adjusted ultrasound risk assessment (AAURA), 897

sonographic score for, 897

Genetic sonogram, 897

Genital prolapse, chronic pelvic pain and, 749

Genital structures, pain area, in pelvic pain, 773

Genitofemoral neuropathy

- genitofemoral nerve
 - anatomy of, 789
 - common injury of, 789
 - description of, 789
 - treatment for, 789

Genitourinary disease and diagnosis of chronic pelvic pain, 804

Genitourinary tract, as source of chronic pelvic pain, 749

GI/GU

- cystic mass, determining origin of, 868
- ultrasonography, 868

Glandular lesions and endometriosis, 749

Gluteal hernia, 749

Gluteus maximus, muscular cause of pelvic pain, 773

Gluteus medius, muscular cause of pelvic pain, 773

Gonadotropic-releasing hormone agonists, 749

Greater trochanter, pain area, in pelvic pain, 773

Groin, pain area, in pelvic pain, 773

Growth restriction

- late in gestational age, diagnosing, 931

Gynecologic disease and diagnosis of chronic pelvic pain, 804

Gynecologic malignancies (late stage), chronic pelvic pain and, 749

Harmonic imaging

- description of, 839
- insonated tissues, 839
- low-frequency transducer, 839
- in pregnancy, 839

HeG and Down syndrome screening, 897

Healthcare utilization and chronic pelvic pain, 804

Heart sparing, as fetal systemic vascular response in IUGR, 931

Hematuria, 811

Hemodynamics in IUGR, 931

Hemorrhagic corpora lutea, 749

Hernias

- and diagnosis of chronic pelvic pain, 804
- and laparoscopy, 749

High-risk singletons and ultrasound assessment, 947

Hind wasting, fetal systemic vascular response in IUGR, 931

Histrionic personality and chronic pelvic pain, 804

Hydroxyzine, 811

Hypertonic muscle dysfunction, 811

Hypertonus, treatment of, 811

Hypoplasia

- and Down syndrome screening, 897
- of middle phalanx of fifth digit, 897

Hypothalamus-pituitary-adrenal axis (HPA), 804

Hysrodistention, 811

Hysterectomies, 749

Hysterectomy-bilateral salpingo oophorectomy, 749

Icing, treatment for myofascial pain syndrome, 783

IC problem index, 811

- IC symptom index, 811
 - Iliac wing angle, 897
 - Iliohypogastric neuropathy and chronic pelvic pain
 - iliohypogastric nerve
 - description of, 789
 - treatment for, 789
 - Ilioinguinal neuropathy
 - ilioinguinal nerve
 - common injury of, 789
 - description of, 789
 - nerve block, 789
 - treatment for, 789
 - Iliopsoas, muscular cause of pelvic pain, 773
 - Inferior hypogastric plexus, 767
 - Integrated fetal testing in IUGR, 931
 - Inferior vena cava and Dopplers in IUGR, 931
 - Inflammatory bowel disease, chronic pelvic pain and, 749
 - Inguinal hernia, 749
 - Inguinal ligament, pain area, in pelvic pain, 773
 - Integrated fetal testing in IUGR, 931
 - Interactive video and ultrasound, 878
 - International Association for the Study of Pain, 824
 - Interstitial cystitis (IC), as disorder of musculoskeletal system, 773
 - Interstitial cystitis (IC) and chronic pelvic pain (CPP)
 - definition of, 811
 - diagnosing
 - cystoscopy, 811
 - glomerularizations, 811
 - hematuria, 811
 - hydrodistention, 811
 - intravesical potassium, 811
 - NIDDK diagnostic criteria, 811
 - pain, location of, 811
 - questionnaires, 811
 - sensitivity test (PST), 811
 - symptoms of, 811
 - etiology of, 811
 - exacerbation of symptoms, 811
 - flares, 811
 - hypertonic muscle dysfunction, 811
 - myofascial pain, 811
 - pathogenesis of, theories for, 811
 - pelvic floor muscles, 811
 - prevalence of, 811
 - symptoms of, 811
 - treatment for
 - botulinum toxin A, 811
 - gabapentin, 811
 - mast cell activation, stabilization and reduction in
 - hydroxyzine, 811
 - pentosanpolysulfate sodium (PPS), 811
 - sacral nerve root stimulation, 811
 - tricyclic antidepressant amitriptyline, 811
 - urgency/frequency, 811
 - Intrauterine contraceptive device, chronic pelvic pain and, 749
 - Intrauterine growth restriction (IUGR) and Doppler techniques, managing
 - IUGR, diagnosis of
 - Doppler in IUGR fetus, management of, 931
 - middle cerebral arteries, 931
 - precordial venous Dopplers, 931
 - umbilical arteries, 931
 - uterine arteries, 931
 - IUGR, prediction of, 931
 - normal Doppler flow patterns
 - ductus venosus, 931
 - hemodynamics in IUGR, 931
 - inferior vena cava, 931
 - integrated fetal testing, 931
 - middle cerebral artery (MCA), 931
 - precordial veins, 931
 - progressive changes, 931
 - umbilical arteries, 931
 - umbilical veins, 931
 - uterine arteries, 931
 - Intravesical dimethyl sulfoxide (DMSO), 811
 - Intravesical heparin, 811
 - Intravesical therapy, as therapeutic approach to interstitial cystitis, 811
 - Ipsilateral spine, pain area, in pelvic pain, 773
 - Irregular antigens, 923
 - Irritable bowel syndrome
 - chronic pelvic pain and, 749
 - and diagnosis of chronic pelvic pain, 804
 - disorder of musculoskeletal system, 773
 - Ischemic compression, treatment for myofascial pain syndrome, 783
 - Ischiatic hernia, 749
 - Ischiocavernosus and bulbospongiosus, muscular cause of pelvic pain, 773
 - IUGR, prediction of, 931
- Jump sign and myofascial pain syndrome, 783
- Labor induction
 - success of, predicting, 947
 - and ultrasound assessment, 947
 - Lamotrigine, for neuropathic pain, 789
 - Laparoscopic pain mapping under conscious sedation
 - "Endometriosis USA" pelvic pain mapping form, 797
 - pain perception patterns, 797
 - visceral hypersensitivity, 797
 - Laparoscopy
 - and adhesions
 - adhesiolysis for pelvic pain, trial for, 749
 - chronic pelvic inflammatory disease, 749
 - pelvic adhesions, 749
 - pelvic pain, 749
 - and chronic pelvic pain
 - decision to perform, basis for, 749
 - diagnoses
 - adhesions, 749
 - endometriosis, 749
 - for endometriosis inspection, 749
 - exploratory laparotomy, 749
 - findings, 749
 - endosalpingiosis and
 - as cause of chronic pelvic pain, 749
 - definition of, 749
 - hernias and, 749
 - ovarian cysts and

- asymptomatic cysts, 749
- functional cysts, 749
- laparoscopic evaluation, 749
- uncommon causes of, 749
- pelvic varicosities and, 749
- role in chronic pelvic pain, 749
- without apparent pathology, statements to patients
 - hysterectomy, 749
 - learn to live with pain, 749
 - neurolytic procedure, 749
 - pain is in your head, 749
 - there is nothing wrong, 749
- in women with no uterus or ovaries
 - adhesions in, 749
 - endometriosis, 749
 - ovarian remnant syndrome, 749
 - postoperative peritoneal cysts, 749
- Lateral femoral cutaneous neuropathy
 - lateral femoral cutaneous nerve
 - description of, 789
 - etiologies for, 789
 - symptoms of, 789
- Leiomyomas
 - and diagnosis of chronic pelvic pain, 804
 - laparoscopic finding in chronic pelvic pain, 749
- Leiomyomata, chronic pelvic pain and, 749
- Lesions and misdiagnosis in chronic pelvic pain, 749
- Levator ani, muscular cause of pelvic pain, 773
- Ligaments, as somatic source of chronic pelvic pain, 749
- Likelihood ratio derivation, 897
- Liver sparing, as fetal systemic vascular response in IUGR, 931
- Local anesthetics, treatment for myofascial pain syndrome, 783
- Low back, pain area, in pelvic pain, 773
- Lower abdomen, pain area, in pelvic pain, 773
- Lower abdominal region, pain area, in pelvic pain, 773
- Lower prelumbar space, 767
- Magnetic resonance imaging
 - evaluation of, referral for, 868
 - fetal dysmorphology, 868
 - CNS, 868
 - fetal magnetic resonance, 868
 - MR fetal survey, 868
 - MR pelvimetry, 868
 - MR volumetry, 868
 - placenta, 868
 - safety
 - long-term repetitive exposure, 868
 - of mother and fetus, 868
 - thorax
 - benefits of MR, 868
 - CDH, indicators of poor prognosis with, 868
 - GI/GU, 868
 - lung volumes, 868
 - ultrasound, 868
- Main pulmonary artery, imaging, 890
- Maladaptive neuronal plasticity and chronic pelvic pain, 789
- Manufacturer-specific innovations in ultrasound
 - chirp coded excitation, 839
 - Coded Excitation, 839
 - Coherent Image Formation, 839
 - compound imaging, 839
 - connectivity, 839
 - conventional imaging, 839
 - Digital Imaging and Communications in Medicine (DICOM), 839
 - miniaturization, 839
 - real-time spatial compound imaging, 839
 - telemedicine and teleconsulting advances, 839
- Markers for Down syndrome, 897
- Massage, treatment for myofascial pain syndrome, 783
- Maternal serum alpha fetoprotein (MSAFP) and Down syndrome, 897
- MCA-PSV
 - measurements of, fetal anemia predictions, 923
 - timing second fetal transfusion with, 923
- Meckel's diverticulum and diagnosis of chronic pelvic pain, 804
- Medroxyprogesterone and pelvic vascular congestion, 831
- Mental health care providers and chronic pelvic pain, 804
- Mexiletine HCL, for neuropathic pain, 789
- Middle cerebral arteries (MCA)
 - and Dopplers in IUGR, 931
 - and IUGR diagnosis, 931
- Middle cerebral artery peak systolic velocity (MCA-PSV)
 - correct technique for, 923
 - fetal anemia, noninvasive diagnosis of, 923
- Minor structural abnormalities, 897
- Multidisciplinary pain management and chronic pelvic pain, 804
- Multidisciplinary team approach to chronic pelvic pain
 - meta-analytic review of, 804
 - treatment approaches for, 804
 - treatment plan
 - gate control theory, 804
 - long-term progress, 804
 - psychological assessment, 804
- Muscle relaxants, treatment for myofascial pain syndrome, 783
- Muscles, as somatic source of chronic pelvic pain, 749
- Musculoskeletal dysfunction, screening for
 - objective examination
 - connective tissue, 773
 - external muscle examination, 773
 - internal muscle examination, 773
 - muscular component, 773
 - peripheral nerves (adverse neural tension), 773
 - structure, 773
 - treatment, 773
 - oral history of
 - exacerbation, 773
 - muscle spasms, characteristics and causes of, 773
 - purposes of musculoskeletal system, 773
 - stress or trauma, 773
- Myofascial disease and diagnosis of chronic pelvic pain, 804
- Myofascial pain syndrome (MFPS), 811
 - characteristics of, 783
 - complications
 - from MTrP injections, 783
 - toxicity, 783

- definition of, 783
 - description of, 783
 - musculoskeletal pain, 783
 - pathophysiology, 783
 - somatovisceral and discerosomatic reflexes, 783
 - treatment of
 - bupivacaine, 783
 - icing, 783
 - lidocaine, 783
 - preparing patient for, 783
 - procaine, 783
 - stretching exercises, 783
 - trigger point injections of abdominal wall, 783
 - types of, 783
- Narcissistic personality and chronic pelvic pain, 804
- Nasal bone, absent, 897
- Near-contact laparoscopy, 749
- Nerve entrapment syndrome and diagnosis of chronic pelvic pain, 804
- Neuroma formation and chronic pelvic pain, 789
- Neuroplasticity, 767
- Nortriptyline for neuropathic pain, 789
- Nuchal fold, Down syndrome screening and, 897
- Nuchal translucency
 - for coarctation of aorta, possible marker of, 890
- Nuchal translucency-based screening
 - advances in, 909
 - beyond aneuploidy, 909
 - in clinical practice, implementing, 909
 - current and future status of, 909
 - cystic hygroma, 909
 - for Down syndrome, 909
 - and ductus venosus flow in first trimester, 909
 - fetal nuchal translucency (NT) measurement, 909
 - with first and second trimester serum markers: integrated testing, 909
 - with first trimester maternal serum markers: combined testing, 909
 - in multiple gestations, 909
 - multiple marker serum screening panel, 909
 - and nasal bone in first trimester, 909
 - for other aneuploidy, 909
 - quad test, 909
- Obstetrics
 - magnetic resonance imaging in
 - evaluation of, referral for, 868
 - fetal dysmorphology
 - CNS, 868
 - GI/GU
 - cystic mass, determining origin of, 868
 - ultrasonography, 868
 - MR fetal survey, 868
 - MR pelvimetry, 868
 - MR volumetry, 868
 - placenta, 868
 - safety
 - long-term repetitive exposure, 868

- thorax
 - CDH, indicators of poor prognosis with, 868
 - lung volumes, 868
 - ultrasound, 868
 - recent advances in ultrasound and, 838
 - Obturator internus, muscular cause of pelvic pain, 773
 - Oral agents, as therapeutic approach to interstitial cystitis, 811
 - Ovarian cysts
 - laparoscopic finding in chronic pelvic pain, 749
 - laparoscopy and
 - asymptomatic cysts, 749
 - functional cysts, 749
 - laparoscopic evaluation, 749
 - uncommon causes of, 749
 - Ovarian ovulatory pain, chronic pelvic pain and, 749
 - Ovarian plexus nerves, 767
 - Ovarian remnant syndrome, chronic pelvic pain and, 749
 - Ovarian retention syndrome (residual ovary syndrome), chronic pelvic pain and, 749
 - Ovulatory pain, chronic pelvic pain and, 749
- Pain
 - acute, role of, 797
 - allodynia, 811
 - C-fibers (silent afferents), 811
 - chronic, definition of, 797
 - definition of, 749
 - dorsal horn, 811
 - neuropathic output states
 - neurogenic inflammation, 811
 - viscero-muscular reflex, 811
 - viscero-visceral hyperalgesia, 811
 - noxious stimuli, 811
 - purpose of, 811
 - signals, 811
 - tissue injury and, 811
- Pelvic bones, as somatic source of chronic pelvic pain, 749
- Pelvic congestion syndrome, chronic pelvic pain and, 749
- Pelvic denervation procedures
 - literary critiques, 767
- Pelvic floor, pain area, in pelvic pain, 773
- Pelvic floor muscle dysfunction
 - treatment of, 811
- Pelvic floor muscles, 811
- Pelvic floor tension myalgia, disorder of musculoskeletal system, 773
- Pelvic inflammatory disease, chronic pelvic pain and, 749
- Pelvic neuroanatomy
 - afferent nerves, 767
 - central sensitization in spinal cord surgery, 767
 - cross talk, 767
 - dorsal root ganglia, 767
 - inferior hypogastric plexus, 767
 - lower prelumbar space, 767
 - neuropathways signaling pain, 767
 - neuroplasticity, 767
 - ovarian plexus nerves, 767

- pelvic splanchnic nerves, 767
- presacral neurectomy, 767
- sacral splanchnic nerves, 767
- uterosacral nerve ablation, 767
- viserosomatic convergence, 767
- Pelvic pain
 - and endometriosis
 - American Fertility Society staging system for, 824
 - association between, studies on, 824
 - characteristics linking, 824
 - Cochrane Collaboration systematic review, 824
 - depth and location, 824
 - forms of, 824
 - forms of endometriosis, 824
 - Hill's rules of causation, application of, 824
 - Koch's postulates for causation, application of, 824
 - link between, studies on, 824
 - pain, definition of, 824
 - understanding, 824
 - musculoskeletal screening and
 - musculoskeletal system, as source of, 773
 - physical therapy as treatment option, 773
 - screening for musculoskeletal dysfunction, 773
- Pelvic splanchnic nerves, 767
- Pelvic varicosities
 - laparoscopic finding in chronic pelvic pain, 749
 - and laparoscopy, 749
- Pelvic vascular congestion
 - anatomy
 - ovarian circulation during menarche, 831
 - ovarian veins, 831
 - spermatic veins, 831
 - uterine veins, 831
 - valves, 831
 - clinical outcomes, 831
 - pelvic congestion syndrome
 - characteristic clinical feature of, 831
 - patient outcomes, 831
 - radiologic features of, 831
 - symptoms of, 831
 - therapy for, 831
 - vulvar varices, 831
 - renal transplant donors, imaging studies with, 831
 - ultrasound imaging, 831
 - vascular physiology, 831
 - venous congestion, 831
- Pentosanpolysulfate sodium (PPS), 811
- Peripheral nerves and pelvic pain, 773
- Peritoneal defects and endometriosis, 749
- Phenytoin, for neuropathic pain, 789
- Physical abuse in childhood and chronic pelvic pain, 804
- Physical therapy, as therapeutic approach to interstitial cystitis, 811
- Piriformis, muscular cause of pelvic pain, 773
- Placenta and magnetic resonance imaging, 868
- Posterior thigh, pain area, in pelvic pain, 773
- Postoperative peritoneal cysts, chronic pelvic pain and, 749
- Post-traumatic stress disorder and chronic pelvic pain, 804
- Precordial veins and Doppler flow patterns, 931
- Precordial venous Dopplers, 931
- Pregnancy
 - routine ultrasound in
 - anomalies, definition and ascertainment of, 882
 - benefits of, 882
 - cost-benefit analysis of, 882
 - diagnostic limitations of, 882
 - factors affecting sensitivity, 882
 - other conditions, 882
 - outcomes in fetuses with anomalies, effects of, 882
 - prevalence of, 882
 - repeated screening, 882
 - risk category, 882
 - sensitivity of, for birth defects diagnosis, 882
 - sonographers, expertise of, 882
 - spectrum of anomalies, 882
 - systemic fetal Doppler evaluation in, 931
- Prenatal cytogenetic diagnosis, 897
- Presacral neurectomy (PSN), 767, 749
 - with endometriosis excision/ablation vs. excision/ablation alone, 767
- Preterm birth, prediction of, by TVU
 - in asymptomatic high-risk singleton pregnancies, 947
 - in asymptomatic singleton pregnancies, 947
 - interventions to prevent, 947
 - in preterm labor pregnancies, 947
 - in twin pregnancies, 947
- Preterm labor and ultrasound assessment, 947
- Preterm premature rupture of membranes (PPROM), latency in, 947
- Primary dysmenorrhea, 767
- Psycho-education, treatment option of, for chronic pelvic pain, 804
- Psychological assessments and chronic pelvic pain
 - anxiety, 804
 - depression, 804
 - educating client, 804
 - evaluations, 804
- Psychological disorders and diagnosis of chronic pelvic pain, 804
- Psychosexual dysfunction and diagnosis of chronic pelvic pain, 804
- Pudendal nerve entrapment/pudendal neuralgia, disorder of musculoskeletal system, 773
- Pudendal neuropathy
 - pudendal nerve
 - anatomy of, 789
 - description of, 789
 - injury of, 789
 - symptoms of, 789
 - treatment for, 789
- Pyelectasis and Down syndrome screening, 897
- Quadratus lumborum, muscular cause of pelvic pain, 773
- Racial differences and Down syndrome screening, 897
- Radiation cystitis, chronic pelvic pain and, 749
- RADIUS study and ultrasound benefits, 882
- Real-time spatial compound imaging, 839
- Rectus, muscular cause of pelvic pain, 773
- Recurrent, acute cystitis, chronic pelvic pain and, 749
- Recurrent, acute urethritis, chronic pelvic pain and, 749

- Red lesions and endometriosis, 749
- Reflex sympathetic dystrophy (RSD), 797
- Relaxation techniques, cognitive behavioral therapy for chronic pelvic pain and, 804
- Relaxation training, treatment option for chronic pelvic pain, 804
- Remote fetal ultrasound diagnosis, 878
- Renal dysplasias, 868
- Renal transplant donors, imaging studies with, 831
- Reproductive tract, as source of chronic pelvic pain, 749
- Residual accessory ovary, chronic pelvic pain and, 749
- Residual ovary syndrome, 749
- Retrograde conduction and precordial veins, 931
- Risk adjustment and Down syndrome, 897
 - fetal nasal bone, 897
 - hypoplasia of middle phalanx of fifth digit, 897
 - iliac wing angle, 897
 - nasal bone, absent, 897
 - nuchal fold in, 897
 - other markers, 897
 - pyelectasis, 897
 - racial differences, 897
 - sandel gap, 897
 - sonographic findings, 897
 - two-vessel umbilical cord, 897
 - ultrasound, risk modification of, 897
 - ventriculomegaly, 897
 - serum screen, 897
 - "triple screen," 897
 - trisomy 13 fetuses, 897
 - trisomy 18 fetuses, 897
 - Turner syndrome, 897
 - in pregnancy, 882
- Sonographers
 - expertise of, 882
- Sonographic score and Down syndrome screening, 897
- Sphincter ani, muscular cause of pelvic pain, 773
- Staging systems and endometriosis, 749
- Stone/uroolithiasis, acute urethritis, chronic pelvic pain and, 749
- Stress management, cognitive behavioral therapy for chronic pelvic pain and, 804
- Stretching, treatment for myofascial pain syndrome, 783
- Superficial transverse perineal, muscular cause of pelvic pain, 773
- Superficial yellow-brown patches and endometriosis, 749
- Superior hypogastric plexus block (SHPB), 749
- Sympathetically maintained pain (SMP)
 - role of autonomic nervous system in, 797
- Symptomatic pelvic relaxation, chronic pelvic pain and, 749
- Systemic Doppler evaluation, 931
- Telesonography, 878
- Three-dimensional ultrasonography (3DUS)
 - cleft lip and palate
 - bilateral cleft defect by 3D multiplanar and surface rendering, 850
 - bilateral cleft lip and palate by 3D surface rendering, 850
 - unilateral cleft lip and intact palate, multi-planar imaging, 850
 - 3DUS applications during pregnancy
 - practical considerations about, 850
 - fetal circulation
 - Gray-scale information and Doppler ultrasonography, 850
 - placental circulation, 850
 - pulmonary sequestration, 850
 - fetal syndromes
 - Down syndrome, 850
 - 3DUS, use of, 850
 - fetal iliac angle measurements, 850
 - fetus with Down syndrome, midline plane, 850
- Sacral nerve root stimulation, 811
- Sacral splanchnic nerves, 767
- Sacroiliac joint and buttock, pain area, in pelvic pain, 773
- Saline, treatment for myofascial pain syndrome, 783
- Sandel gap, 897
- Sciatic hernias and chronic pelvic pain, 749
- Scoliosis and diagnosis of chronic pelvic pain, 804
- Self-hypnosis, treatment option for chronic pelvic pain, 804
- Serum screen for Down syndrome, 897
- Sex education, cognitive behavioral therapy for chronic pelvic pain and, 804
- Sex therapy, treatment option for chronic pelvic pain, 804
- Sexual abuse in childhood and chronic pelvic pain, 804
- Short stature and Down syndrome, 897
- Skeletal disease and diagnosis of chronic pelvic pain, 804
- Skeletal dysplasias, 868
- Somatic disorders and chronic pelvic pain, 749
- Somatic neuropathic pain
 - dermatome distribution of peripheral somatic nerves, 789
 - diagnosis of
 - abdominal wall examination, 789
 - role in pain, 789
 - screening before surgery, 789
 - trigger points, 789
 - etiologies of, 789
 - peripheral somatic nerves of pelvis, 789
 - treatment for, 789
- Somatization and diagnosis of chronic pelvic pain, 804
- Somatovisceral reflex, 783
- Sonograms
 - genetic, in Down syndrome screening, 897
 - antenatal screening for, 897
 - likelihood ratio derivation, 897
 - major structural abnormalities with, 897
 - maternal serum alpha fetoprotein (MSAFP) and trisomy, 897
 - minor structural abnormalities, 897
 - physical characteristics of, 897
 - risk adjustment, 897
 - screening for
 - biometry, 897
 - choroid plexus cysts, 897
 - echogenic bowel, 897
 - echogenic intracardiac focus, 897

- fetus with Down syndrome, parasagittal plane, 850
- identification of, 850
- non-visualized nasal bone, 850
- image display methods
 - fetal circulation, power Doppler and volume rendering, 850
 - multi-planar display and surface rendering of fetal foot, 850
 - post-processing algorithms for spinal bifida analysis, 850
 - "Real-time (4D)", 850
 - volume and surface rendering, 850
- micrognathia
 - definition of, 850
 - 2D ultrasonography, 850
 - false appearance of, 850
 - normal mid-sagittal facial profile, 3D multi-planar imaging, 850
 - severe micrognathia, 850
- spina bifida
 - analysis of (S1 level), 850
 - analysis of (T12 level), 850
 - bony spine defects, volume rendering, 850
- ultrasound volume acquisition techniques
 - active matrix arrays technology, 850
 - electromagnetic motion tracking system, 850
 - four dimensional echocardiography, 850
 - free-hand tracking, 850
 - inertial tracking technology, 850
 - integrated volume probe, 850
 - mechanical volume acquisition devices, 850
 - two-dimensional and "1.5 dimensional" transducer array technology, 850
- ultrasound volume analysis
 - classification, 850
 - 3D-multiplanar view of face, 850
 - image segmentation, 850
 - manual identification of surface boundaries, 850
 - pixels or voxels, 850
 - removal of extraneous voxels, 850
 - rendering box adjustment, 850
 - rotation of volume data, 850
 - semi-automated segmentation of embryo, 850
 - semi-automated segmentation procedure, 850
 - surface rendering, enlarged regions of interest, 850
 - surface rendering of fetal face, 850
- volume measurements by 3DUS
 - fractional limb volumes, 850
 - limb volumes, 850
 - quantitative applications for, 850
- Three-dimensional ultrasound, 878
 - acquiring data, freehand and utilizing dedicated 3D probes, 839
 - cervix and placenta, assessing with, 839
 - description of, 839
 - fetal face visualization, 839
 - fetal weight estimation, 839
 - multiplanar reconstruction, 839
 - in obstetrics, 839
 - precise volume measurement, 839
- Tissue injury and pain, 811
- Topical Analgesics, treatment for myofascial pain syndrome, 783
- Topiramate, for neuropathic pain, 789
- Transabdominal ultrasound (TAU) and cervix, 947
- Transcutaneous electrical stimulation, treatment for myofascial pain syndrome, 783
- Translabial ultrasound, 947
- Transvaginal ultrasound (TVU), 947
 - schematic of, cervical measurements, 947
 - vs. digital examination, 947
- Trazodone, for neuropathic pain, 789
- Trial of depotleuprolide and endometriosis, 749
- Tricyclic antidepressant amitriptyline, 811
- Tricyclic antidepressants, treatment for myofascial pain syndrome, 783
- Trigger point injections, treatment for myofascial pain syndrome, 783
- Trisomy 13 fetuses and Down syndrome, 897
- Trisomy 18 fetuses and Down syndrome, 897
- Tuberculous salpingitis, chronic pelvic pain and, 749
- Tumor Necrosis Factor (TNF), 824
- Turner syndrome, 897
- Twins and ultrasound assessment, 947
- Twin-to-twin transfusion and Doppler patterns, 931
- Two-vessel umbilical cord, 897
- Ultrasonography, 868
- Ultrasound
 - antenatal screening, 897
 - of cervix, 947
 - Down syndrome, risk modification with
 - biometry, 897
 - markers, 897
 - risk adjustment, 897
 - obstetric, recent advances in, 838
 - practice patterns, 897
 - in pregnancy
 - anomalies, definition and ascertainment of, 882
 - benefits of, 882
 - cost-benefit analysis of, 882
 - diagnostic limitations of, 882
 - factors affecting sensitivity, 882
 - other conditions, 882
 - outcomes in fetuses with anomalies, effects of, 882
 - repeated screening, 882
 - risk category, 882
 - sensitivity of, for birth defects diagnosis, 882
 - sonographers, expertise of, 882
 - spectrum of anomalies, 882
 - remote interpretation of images
 - history of obstetrical care, 878
 - limitations of, 878
 - practical applications of, 878
 - technical aspects of, 878
 - second trimester ultrasonographer, 897
- Ultrasound, treatment for myofascial pain syndrome, 783
- Ultrasound assessment
 - cerclage and TVU, 947
 - cerclage for TVU short cervix, 947
 - of cervix
 - twins, 947
 - labor induction in, 947
 - latency in PPROM, 947

- non-randomized studies, 947
- PTB, preventing, based on abnormal TVU, 947
- short cervix and PTB, 947
- suspected preterm labor, 947
- transvaginal ultrasound vs. digital examination, 947
- trials, randomized, 947
- Ultrasound contrast medium (UCM)
 - in adult echocardiography, 839
 - contrast medium, history of, 839
 - echoes, 839
 - fallopian tubes, 839
 - neoangiogenesis and, 839
 - size of, 839
 - using, 839
- Ultrasound equipment
 - contrast agents, 839
 - economics, 839
 - harmonic imaging, 839
 - manufacturer-specific innovations, 839
 - safety
 - effects on tissue, 839
 - mechanical effects, risk of, 839
 - prolonged exposure, 839
 - three-dimensional ultrasound, 839
 - ultrasound, history of, 839
- Ultrasound imaging and pelvic vascular congestion, 831
- Umbilical arteries
 - and IUGR diagnosis, 931
 - and normal Doppler patterns, 931
- Umbilical vein and Dopplers in IUGR, 931
- Umbilical venous pulsations and Dopplers in IUGR, 931
- Uninhibited bladder contractions, chronic pelvic pain and, 749
- Uninhibited bladder contractions (detrusor dyssynergia), chronic pelvic pain and, 749
- Urethral caruncle, chronic pelvic pain and, 749
- Urethral diverticulum, chronic pelvic pain and, 749
- Urethral syndrome
 - chronic pelvic pain and, 749
 - disorder of musculoskeletal system, 773
- Urgency-frequency, disorder of musculoskeletal system, 773
- Urinary sphincter spasm, pain area, in pelvic pain, 773
- Urolithiasis, chronic pelvic pain and, 749
- Urothelium therapy, 811
- Uterine arteries
 - and IUGR diagnosis, 931
 - and normal Doppler patterns, 931
- Uterosacral nerve ablation, 767
- Uterosacral neurectomy (USN), 749
- Vagina, pain area, in pelvic pain, 773
- Vaginismus, disorder of musculoskeletal system, 773
- Vapocoolant sprays, treatment for myofascial pain syndrome, 783
- Vascular physiology
 - venoconstriction, 831
- Veins, Dopplers in IUGR and precordial, 931
- umbilical, 931
- Venoconstriction, 831
- Venous Doppler, 931
- Ventriculomegaly and Down syndrome screening, 897
- Visceral disorders and chronic pelvic pain, 749
- Visceral hypersensitivity and chronic pelvic pain, 797
- Visceral pain syndromes
 - conceptual model for, 811
 - neuropathology of, 811
 - treatment of
 - intravesical dimethyl sulfoxide (DMSO), 811
 - intravesical heparin, 811
 - multimodal approach, 811
 - urothelium therapy, 811
- Visceral pelvic pain
 - neuropathway of, 767
- Viscerosomatic convergence and chronic pelvic pain
 - description of, 789
- Viscerosomatic reflex, 783
- Viscerosomatic convergence, 767
- Vulvar varices and peripheral venous disease, 831
- Vulvar vestibulitis syndrome, disorder of musculoskeletal system, 773
- Vulvodynia, disorder of musculoskeletal system, 773
- Wet heat, treatment for myofascial pain syndrome, 783
- White lesions and endometriosis, 749